

Republic Services' personnel from Sunshine Canyon Landfill were proud to participate in the Environmental Education Fair held at the Los Angeles County Arboretum on March 9, 2013. The event featured 450 students who shared their service learning and environmental education projects with over 1,800 visitors to the event. Republic Services and other exhibitors shared their environmental education resources and opportunities.

MRFY, Republic Services' recycling robot appeared at the fair and gave a recycling show to dozens of school-age children and their parents. MRFY was a big hit teaching the kids about what they can do to protect the environment by recycling and showed his moves by dancing Gangnam Style.



Neighbor To Neighbor

SPRING 2013 NEWSLETTER

Map Your Neighborhood

Republic Services, Sunshine Canyon Landfill, is proud to sponsor the Granada Hills North Neighborhood Council's (GHNNC) *Map Your Neighborhood* program.

Republic Services donated funds for printing the multi-paged handouts for the GHNNC to distribute to neighborhoods within the GHNNC area to implement this valuable program. These handouts are an integral part of the program as they provide the information for neighborhoods to organize and protect themselves in the first 60 minutes after a large-scale disaster when normal emergency services could be overwhelmed and/or delayed.

The *Map Your Neighborhood* (MYN) program was created and first introduced in the state of Washington by LuAn K. Johnson, Ph.D., and is now used in more than 41 states in the U.S. MYN helps to:

- Learn the “**9 Steps to Take Immediately Following a Disaster**” to secure your home and to protect your neighborhood. It is hard to think clearly following disaster and these steps will help you to quickly and safely take actions that can minimize damage and protect lives.
- Identify the **Skills and Equipment** each neighbor has that would be useful in an effective disaster response. Knowing which neighbors have supplies and skills helps your disaster response be timely, and allows everyone to contribute to the response in a meaningful way.
- Create a **Neighborhood Map** identifying the locations of natural gas and propane tanks for quick response if needed.
- Create a **Contact List** that helps identify those with specific needs such as elderly, disabled, or children who may be home alone during certain hours of the day.

Work together as a team to evaluate your neighborhood during the first hour following a disaster and take the necessary actions.

Groundwater Monitoring

The Groundwater and Waste Disposal Monitoring Report for the Second Semi-Annual Monitoring Period of 2012 (RWQCB File No. 58-076) was submitted on February 15, 2013. The report can be found at:
[sunshinecanyonlandfill.com/environment/required reports.](http://sunshinecanyonlandfill.com/environment/required%20reports)

Sunshine Canyon City/County Landfill

The site has been operating as a Joint City/County Landfill as of January 2009. Waste acceptance averages were approximately 7,800 tons per day (M-F), and 3,000 tons per day on (Sat.) as of March 31, 2013. The site is permitted to accept 12,100 tons per day maximum daily capacity (M-F).

Storm Water Controls

There is a comprehensive surface water management system at Sunshine Canyon Landfill that includes perimeter and interior drainage channels, four permanent sedimentation basins and several temporary basins to remove sediment from surface water leaving the site. The site operates under the statewide General Industrial Storm Water Permit. That permit defines the rainy season as Oct-May, and Sunshine Canyon conducts monitoring of runoff water quality during that time in accordance with the site's permit requirements.

Notices of Violation (NOV)

For the first quarter of 2013, Sunshine Canyon Landfill received Notices of Violation on the following dates: February 25, March 11, and March 28.

Landfill Gas Monitoring:

The latest Rule 1150.1 Quarterly Monitoring Report was submitted in February 2013 for the fourth quarter of 2012. This report contains the results of the monthly surface emission monitoring (SEM) (instantaneous and integrated), results of the monthly monitoring of the site's perimeter gas probes and other information required by SCAQMD's Rule 1150.1.

The results of the instantaneous SEM showed the following number of locations exceeding the regulatory threshold of 500 parts per million Total Organic Carbon (TOC) for the reporting period: October – 25 locations over 358 acres monitored; November – 19 locations out of 341 acres monitored; December—36 locations out of 338 acres monitored. The results of the integrated SEM showed the following number of grids exceeded the regulatory threshold of 25 parts per million TOC for the reporting period: October – 9 grids out of 358 grids monitored; November – 16 out of 338 grids monitored; December 8 out of 336 grids monitored.

For this reporting period, the locations where the readings exceeded the regulatory threshold were either (1) repaired and passed the 3-day re-check and/or the second 10-day re-check as allowed by Rule 1150.1, or (2) the exceedances were addressed by the expansion of the gas collection system. In October 2012, we started a drilling program to install 82 additional vertical gas extraction wells minimize surface emissions. We also continued with the well dewatering program and installed 50 dedicated pumps in order to improve the performance of gas wells adversely impacted by liquid accumulation.

Sunshine Canyon Landfill Hotline Report

- Operational 24/7
- Call for information about Sunshine Canyon Landfill including questions regarding disposal, rates, tours, complaints, or comments
- First quarter received 71 calls, 11 of which were from an AQMD inspector reporting complaints to AQMD's hotline

S.A.F.E. Centers

The Los Angeles City, Bureau of Sanitation operates S.A.F.E. Centers so residents can properly dispose of household hazardous waste materials such as Solvents Automotive Flammables and Electronics. The closest S.A.F.E. center to the Granada Hills area is located at 10241 N. Balboa Blvd., Northridge, CA 91325. Hours of operation are Saturdays and Sundays from 9-3. For more information, please visit the Bureau's website ~ www.lacitysan.org. You will find a complete listing of the materials that can be brought to a S.A.F.E. center for free disposal.

Sunshine Canyon Landfill Independent Environmental Monitor Program

Sunshine Canyon Landfill has hired Brown and Caldwell consultants to perform the services of the Independent Environmental Monitor as stipulated in the Abatement Order. As part of these requirements, Brown and Caldwell has set-up a new 24-hour hotline number to take calls specifically related to odor complaints. Brown and Caldwell's new hotline number is:

818-779-9170

An odor monitor will respond to your call and will report your call to the South Coast Air Quality Management District.

Re-Vegetation and Tree Planting Status

As required by the City and County of Los Angeles Conditions of Approval, Sunshine Canyon Landfill continued to hydroseed areas that are expected to be inactive for greater than 180 days. In the first quarter of 2013, work consisted of interim cover applications on temporary and construction slopes. Sage Mitigation areas on permanent slopes continued to be monitored and maintained. County side Big Cone Firs, PM10 tree berm, and the experimental "Wind Berm" are still currently being monitored and maintained.

Sunshine Canyon Landfill Gas System Upgrade Update

Sunshine Canyon Landfill Gas System Update

We have completed a number of projects in the last two years to improve the efficiency of the site's landfill gas collection system.:

- Two hundred ninety seven (297) new vertical gas extraction wells have been installed
- 14,000 linear feet of 36" and 24" perimeter header piping has been installed. This project was fully completed in September 2012;
- Over 25,000 linear feet of horizontal collectors have been installed in the new cells to capture landfill gas that is generated at its earliest stages;
- 11,300 linear feet of additional piping to connect the gas wells to the header system has been installed;
- Installation and operation of a temporary flare in early February 2012 to augment the site's existing 3 flare stations until the new, permanent flare (Flare 9) was installed;
- Installation and operation of Flare 9 in August 2012. This is a high capacity 5,000 scfm flare station;
- Installation and operation of new, larger Horsepower blowers (200 HP) at the three existing flare stations (Flares 1, 3 and 8);

All of the projects listed above, were designed by licensed engineers and the plans reviewed by the appropriate regulatory agencies. In addition, we are performing monitoring activities on a more frequent basis than required by regulatory requirements:

- Well field monitoring is conducted twice per month - The regulatory requirement for this activity is once per month;
- Surface emission monitoring (instantaneous and integrated) is conducted every month over the entire site subject to this monitoring – the regulatory requirement for this activity is once per quarter;

Other activities that we conduct relating to the operation of our gas system include:

- An aggressive program to remove liquids that accumulate in the gas wells
- A daily check on sumps that collect liquids in the gas collection system

Results from Completed Improvements

As a result of the improvements and changes we have made, we have seen significant improvements at the site with respect to the gas collection efficiency of our system, and the overall frequency and description of off-site odors when they are reported by our own monitors. Some of the tangible results that we can report to you include the following:

- Our flare production (the volume of landfill gas that we are collecting) has increased 95% since September 2011;
- The number of points where surface emissions are detected has decreased by 72% since September 2011;
- Typically, over 1,200 odor observations are collected every month by our Odor Monitors (please note this number varies depending on weather – odor monitoring is not conducted during rain events). An analysis of the data indicates that less than 5% of the odor observations are landfill-related and the intensity of these odors are characterized as "faint" or "very faint". This is an improvement over a year ago when our Odor Monitors were sometimes reporting landfill-related odors with an intensity of "distinct".

Landfill Operations

The below amounts were received for the first quarter of 2013. The landfill continues to operate six days per week.

MONTH	Non-buried, recyclable and beneficial reuse material (tons)	Total Landfilled Material (tons)
JANUARY	11,178.20	187,823.84
FEBRUARY	12,303.96	168,679.02
MARCH	10,268.54	187,146.86

Tours at Sunshine Canyon Landfill



Tour season has been active at Sunshine Canyon recently with the following groups paying us a visit:

- *Girl Scout Troop 4596, pictured to the top left
- *UCLA Sculpture Class, pictured to the top right
- *Whittier College, pictured to the bottom

Contact Patti Costa at sunshinecanyonlandfill.com or by calling 818-362-2124 to arrange your tour.

Mailing List:

To add or remove a name from our mailing list, to update your information, or to go paperless, please email: info@sunshinecanyonlandfill.com

SCAQMD 24-Hour Hotline
800-288-7664

SCL Odor Patrol
818-822-2835
5:30 a.m.—10 a.m.
5:30 p.m.—11 p.m.

Sunshine Canyon Landfill LEA
8:30 a.m.—5:30 p.m., M-F
213-252-3939

Newsletter produced and distributed by the Sunshine Canyon Landfill, A Republic Services company.

Community Advisory Committee Meetings:

A joint city-county Community Advisory Committee meets bi-monthly. Visit sunshinecanyonlandfill.com for more information.

Sunshine Canyon Landfill
14747 San Fernando Rd.
Sylmar, CA 91342

Please place stamp here